

PATENT

Our Docket: P-HP 3808

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: S. Barts

Group Art Unit: 1621

Serial No: 09/632,928

In re Application of

Filed: August 4, 2000

For: TRIAMINE DERIVATIVE MELANOCORTIN RECEPTOR LIGANDS AND METHODS OF USING SAME

Watson-Straughan et al.

Commissioner for Patents Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231 on February 12, 2003.

David I. Spolter, Reg. No. 36,933

February 12, 2003 Date

### RESPONSE TO OFFICE ACTION

Responsive to the Office Action mailed August 13, 2002, entry of the following Amendments and Remarks is respectfully requested. A response was initially due by November 13, 2002. However, a petition for extension, requesting an extension of three months, or until February 13, 2003, along with the corresponding extension fee, is submitted herewith. Accordingly, this response is timely filed.

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### I. AMENDMENTS

## Clean version

Please cancel claims 2 and 20 to 41 without prejudice.

Please amend the claims as follows:

# 1. (Amended) A compound of the formula:

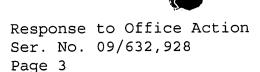
$$R_{8}$$
 $R_{7}$ 
 $R_{6}$ 
 $R_{1}$ 
 $R_{2}$ 
 $R_{3}$ 
 $R_{4}$ 

wherein:

the dotted lines indicate that the depicted ring is selected from the group consisting of phenyl and cyclohexyl;

n is 0, 1 or 2;





 $R_1$  to  $R_5$  are, independently, selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy, nitro,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$ to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$ cycloalkenyl, C<sub>5</sub> to C<sub>7</sub> substituted cycloalkenyl, phenyl, substituted phenyl, naphthyl, substituted naphthyl,  $C_1$  to  $C_6$ alkoxy, C<sub>1</sub> to C<sub>6</sub> substituted alkoxy, phenoxy, substituted phenoxy, C<sub>1</sub> to C<sub>6</sub> alkylthio, C<sub>1</sub> to C<sub>6</sub> substituted alkylthio,  $C_1$  to  $C_6$  alkylsulfonyl,  $C_1$  to  $C_6$  substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted)amino; and when any one of adjacent position pairs  $R_1$  and  $R_2,\ R_2$  and  $R_3,\ and\ R_3$  and  $R_4$  and  $R_4$  and R<sub>5</sub> together form a moiety selected from the group consisting of phenyl, substituted phenyl, heterocycle and substituted heterocycle, said moiety fused to the phenyl ring depicted

 $R_6$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_{11}$  to  $C_{16}$  naphthylalkyl and  $C_{11}$  to  $C_{16}$  substituted naphthylalkyl;

in the above formula such that a bicyclic ring results;

where  $R_7$  is absent,  $R_8$  together with the attached nitrogen depicted in the above formula form a substituted heterocycle or a substituted cyclic  $C_3$  to  $C_7$  heteroalkylene, wherein at least one of said substitution is the formula - D-E, wherein D may be absent or present and, if present, is

selected from the group consisting of  $C_1$  to  $C_6$  alkylene and  $C_1$  to  $C_6$  substituted alkylene; and E is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino group; and

where  $R_7$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl and  $C_1$  to  $C_6$  substituted alkyl,  $R_8$  is the formula X-CH-Y, wherein the attached nitrogen depicted in the above formula is attached to the carbon atom of the formula X-CH-Y, and wherein X is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl, phenyl, substituted phenyl, naphthyl and substituted naphthyl, and Y is the formula -  $(CH_2)_n$ -Z, wherein n is 1 to 6 and Z is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino;

wherein, when a) the depicted ring is phenyl, and b)  $R_1$  to  $R_5$  and  $R_7$  are each hydrogen and c)  $R_8$  is the formula X-CH-Y, where X is benzyl and Y is -CH<sub>2</sub>-amino, then  $R_6$  is not benzyl; or

a pharmaceutically-acceptable salt thereof.



Please add the following claims:

### 43. (New) A compound of the formula:

$$R_{8}$$
 $R_{7}$ 
 $R_{6}$ 
 $R_{1}$ 
 $R_{2}$ 
 $R_{3}$ 
 $R_{4}$ 

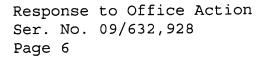
#### wherein:

the dotted lines indicate that the depicted ring is selected from the group consisting of phenyl and cyclohexyl;

n is 0, 1 or 2;

 $R_1$  to  $R_5$  are, independently, selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy, nitro,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$  to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$  cycloalkenyl,  $C_5$  to  $C_7$  substituted cycloalkenyl, phenyl,





substituted phenyl, naphthyl, substituted naphthyl,  $C_1$  to  $C_6$  alkoxy,  $C_1$  to  $C_6$  substituted alkoxy, phenoxy, substituted phenoxy,  $C_1$  to  $C_6$  alkylthio,  $C_1$  to  $C_6$  substituted alkylthio,  $C_1$  to  $C_6$  alkylsulfonyl,  $C_1$  to  $C_6$  substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino; and when any one of adjacent position pairs  $R_1$  and  $R_2$ ,  $R_2$  and  $R_3$ , and  $R_3$  and  $R_4$  and  $R_4$  and  $R_5$  together form a moiety selected from the group consisting of phenyl, substituted phenyl, heterocycle and substituted heterocycle, said moiety fused to the phenyl ring depicted in the above formula such that a bicyclic ring results;

 $R_6$  is selected from the group consisting of  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_{11}$  to  $C_{16}$  naphthylalkyl and  $C_{11}$  to  $C_{16}$  substituted naphthylalkyl;

where  $R_7$  is absent,  $R_8$  together with the attached nitrogen depicted in the above formula form a substituted heterocycle or a substituted cyclic  $C_3$  to  $C_7$  heteroalkylene, wherein at least one of said substitution is the formula - D-E, wherein D may be absent or present and, if present, is selected from the group consisting of  $C_1$  to  $C_6$  alkylene and  $C_1$  to  $C_6$  substituted alkylene; and E is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino group; and

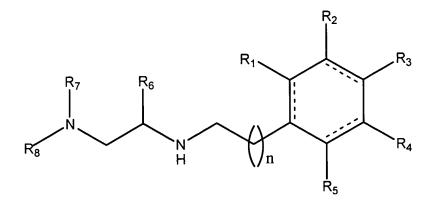


where  $R_7$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl and  $C_1$  to  $C_6$  substituted alkyl,  $R_8$  is the formula X-CH-Y, wherein the attached nitrogen depicted in the above formula is attached to the carbon atom of the formula X-CH-Y, and wherein X is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl, phenyl, substituted phenyl, naphthyl and substituted naphthyl, and Y is the formula -  $(CH_2)_n$ -Z, wherein n is 1 to 6 and Z is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino;

wherein, when a) the depicted ring is phenyl, and b)  $R_1$  to  $R_5$  and  $R_7$  are each hydrogen and c)  $R_8$  is the formula X-CH-Y, where X is benzyl and Y is -CH<sub>2</sub>-amino, then  $R_6$  is not benzyl; or

a pharmaceutically-acceptable salt thereof.

44. (New) A compound of the formula:





#### wherein:

the dotted lines indicate that the depicted ring is selected from the group consisting of phenyl and cyclohexyl;

n is 0, 1 or 2;

 $R_1$  to  $R_5$  are, independently, selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy, nitro,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$ to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$ cycloalkenyl, C5 to C7 substituted cycloalkenyl, phenyl, substituted phenyl, naphthyl, substituted naphthyl,  $C_1$  to  $C_6$ alkoxy, C<sub>1</sub> to C<sub>6</sub> substituted alkoxy, phenoxy, substituted phenoxy,  $C_1$  to  $C_6$  alkylthio,  $C_1$  to  $C_6$  substituted alkylthio,  $C_1$  to  $C_6$  alkylsulfonyl,  $C_1$  to  $C_6$  substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino; and when any one of adjacent position pairs  $R_1$  and  $R_2$ ,  $R_2$  and  $R_3$ , and  $R_3$  and  $R_4$  and  $R_4$  and  $R_{5}$  together form a moiety selected from the group consisting of phenyl, substituted phenyl, heterocycle and substituted heterocycle, said moiety fused to the phenyl ring depicted in the above formula such that a bicyclic ring results;

 $R_6$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$ 



phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_{11}$  to  $C_{16}$  naphthylalkyl and  $C_{11}$  to  $C_{16}$  substituted naphthylalkyl;

where  $R_7$  is absent,  $R_8$  together with the attached nitrogen depicted in the above formula form a substituted heterocycle or a substituted cyclic  $C_3$  to  $C_7$  heteroalkylene, wherein at least one of said substitution is the formula - D-E, wherein D may be absent or present and, if present, is selected from the group consisting of  $C_1$  to  $C_6$  alkylene and  $C_1$  to  $C_6$  substituted alkylene; and E is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino group; and

where  $R_7$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl and  $C_1$  to  $C_6$  substituted alkyl,  $R_8$  is the formula X-CH-Y, wherein the attached nitrogen depicted in the above formula is attached to the carbon atom of the formula X-CH-Y, and wherein X is selected from the group consisting of a  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl, phenyl, substituted phenyl, naphthyl and substituted naphthyl, and Y is the formula  $-(CH_2)_n$ -Z, wherein n is 1 to 6 and Z is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino;

wherein, when a) the depicted ring is phenyl, and b)  $R_1$  to  $R_5$  and  $R_7$  are each hydrogen and c)  $R_8$  is the formula X-CH-Y,



where X is benzyl and Y is  $-CH_2$ -amino, then  $R_6$  is not benzyl; or

a pharmaceutically-acceptable salt thereof.

# 45. (New) A compound of the formula:

$$R_{8}$$
 $R_{1}$ 
 $R_{2}$ 
 $R_{3}$ 
 $R_{4}$ 

#### wherein:

the dotted lines indicate that the depicted ring is selected from the group consisting of phenyl and cyclohexyl;

n is 0, 1 or 2;

 $R_1$ ,  $R_2$ ,  $R_4$  and  $R_5$  are, independently, selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy, nitro,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$  to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$ 



cycloalkenyl, C5 to C7 substituted cycloalkenyl, phenyl, substituted phenyl, naphthyl, substituted naphthyl, C1 to C6 alkoxy, C<sub>1</sub> to C<sub>6</sub> substituted alkoxy, phenoxy, substituted phenoxy,  $C_1$  to  $C_6$  alkylthio,  $C_1$  to  $C_6$  substituted alkylthio,  $C_1$  to  $C_6$  alkylsulfonyl,  $C_1$  to  $C_6$  substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted)amino; R3 is selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$ phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$  to  $C_7$ cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$ cycloalkenyl, C5 to C7 substituted cycloalkenyl, phenyl, substituted phenyl, naphthyl, substituted naphthyl,  $C_1$  to  $C_6$ alkoxy, C<sub>1</sub> to C<sub>6</sub> substituted alkoxy, phenoxy, substituted phenoxy,  $C_1$  to  $C_6$  alkylthio,  $C_1$  to  $C_6$  substituted alkylthio,  $C_1$  to  $C_6$  alkylsulfonyl,  $C_1$  to  $C_6$  substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino; and when any one of adjacent position pairs  $R_1$  and  $R_2,\ R_2$  and  $R_3,\ and\ R_3$  and  $R_4$  and  $R_4$  and  $R_5$  together form a moiety selected from the group consisting of phenyl, substituted phenyl, heterocycle and substituted heterocycle, said moiety fused to the phenyl ring depicted in the above formula such that a bicyclic ring results;

 $R_6$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$ 



phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_{11}$  to  $C_{16}$  naphthylalkyl and  $C_{11}$  to  $C_{16}$  substituted naphthylalkyl;

where  $R_7$  is absent,  $R_8$  together with the attached nitrogen depicted in the above formula form a substituted heterocycle or a substituted cyclic  $C_3$  to  $C_7$  heteroalkylene, wherein at least one of said substitution is the formula - D-E, wherein D may be absent or present and, if present, is selected from the group consisting of  $C_1$  to  $C_6$  alkylene and  $C_1$  to  $C_6$  substituted alkylene; and E is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino group; and

where  $R_7$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl and  $C_1$  to  $C_6$  substituted alkyl,  $R_8$  is the formula X-CH-Y, wherein the attached nitrogen depicted in the above formula is attached to the carbon atom of the formula X-CH-Y, and wherein X is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl, phenyl, substituted phenyl, naphthyl and substituted naphthyl, and Y is the formula -  $(CH_2)_n$ -Z, wherein n is 1 to 6 and Z is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino; or

a pharmaceutically-acceptable salt thereof.



46. (New) The compound of claim 45, wherein:  $R_1$  to  $R_5$  are, independently, selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$ phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$  to  $C_7$ cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$ cycloalkenyl, C<sub>5</sub> to C<sub>7</sub> substituted cycloalkenyl, phenyl, substituted phenyl, naphthyl, substituted naphthyl,  $C_1$  to  $C_6$ alkoxy, C<sub>1</sub> to C<sub>6</sub> substituted alkoxy, phenoxy, substituted phenoxy,  $C_1$  to  $C_6$  alkylthio,  $C_1$  to  $C_6$  substituted alkylthio,  $C_1$  to  $C_6$  alkylsulfonyl,  $C_1$  to  $C_6$  substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino; and when any one of adjacent position pairs  $R_1$  and  $R_2$ ,  $R_2$  and  $R_3$ , and  $R_3$  and  $R_4$  and  $R_4$  and  $R_5$  together form a moiety selected from the group consisting of phenyl, substituted phenyl, heterocycle and substituted heterocycle, said moiety fused to the phenyl ring depicted in the above formula such that a bicyclic ring results.



## 47. (New) A compound of the formula:

$$R_{8}$$
 $R_{1}$ 
 $R_{2}$ 
 $R_{3}$ 
 $R_{4}$ 

#### wherein:

the dotted lines indicate that the depicted ring is selected from the group consisting of phenyl and cyclohexyl;

### n is 1 or 2;

 $R_1$  to  $R_5$  are, independently, selected from the group consisting of a hydrogen atom, halo, hydroxy, protected hydroxy, nitro,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_3$  to  $C_7$  cycloalkyl,  $C_3$  to  $C_7$  substituted cycloalkyl,  $C_5$  to  $C_7$  cycloalkenyl,  $C_5$  to  $C_7$  substituted cycloalkenyl, phenyl, substituted phenyl, naphthyl, substituted naphthyl,  $C_1$  to  $C_6$  alkoxy,  $C_1$  to  $C_6$  substituted alkoxy, phenoxy, substituted



phenoxy, C<sub>1</sub> to C<sub>6</sub> alkylthio, C<sub>1</sub> to C<sub>6</sub> substituted alkylthio, C<sub>1</sub> to C<sub>6</sub> alkylsulfonyl, C<sub>1</sub> to C<sub>6</sub> substituted alkylsulfonyl, phenylthio, substituted phenylthio, phenylsulfonyl, substituted phenylsulfonyl, amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino; and when any one of adjacent position pairs R<sub>1</sub> and R<sub>2</sub>, R<sub>2</sub> and R<sub>3</sub>, and R<sub>3</sub> and R<sub>4</sub> and R<sub>4</sub> and R<sub>5</sub> together form a moiety selected from the group consisting of phenyl, substituted phenyl, heterocycle and substituted heterocycle, said moiety fused to the phenyl ring depicted in the above formula such that a bicyclic ring results;

 $R_6$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl,  $C_{11}$  to  $C_{16}$  naphthylalkyl and  $C_{11}$  to  $C_{16}$  substituted naphthylalkyl;

where R<sub>7</sub> is absent, R<sub>8</sub> together with the attached nitrogen depicted in the above formula form a substituted heterocycle or a substituted cyclic C<sub>3</sub> to C<sub>7</sub> heteroalkylene, wherein at least one of said substitution is the formula - D-E, wherein D may be absent or present and, if present, is selected from the group consisting of C<sub>1</sub> to C<sub>6</sub> alkylene and C<sub>1</sub> to C<sub>6</sub> substituted alkylene; and E is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino group; and

where  $R_7$  is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl and  $C_1$  to  $C_6$  substituted alkyl,  $R_8$  is



the formula X-CH-Y, wherein the attached nitrogen depicted in the above formula is attached to the carbon atom of the formula X-CH-Y, and wherein X is selected from the group consisting of a hydrogen atom,  $C_1$  to  $C_6$  alkyl,  $C_1$  to  $C_6$  substituted alkyl,  $C_7$  to  $C_{12}$  phenylalkyl,  $C_7$  to  $C_{12}$  substituted phenylalkyl, phenyl, substituted phenyl, naphthyl and substituted naphthyl, and Y is the formula -  $(CH_2)_n$ -Z, wherein n is 1 to 6 and Z is selected from the group consisting of amino, protected amino, (monosubstituted) amino, protected (monosubstituted) amino and (disubstituted) amino;

wherein, when a) the depicted ring is phenyl, and b)  $R_1$  to  $R_5$  and  $R_7$  are each hydrogen and c)  $R_8$  is the formula X-CH-Y, where X is benzyl and Y is -CH<sub>2</sub>-amino, then  $R_6$  is not benzyl; or

a pharmaceutically-acceptable salt thereof.

### II. REMARKS

Applicants wish to thank the Examiner for kindly indicating that claims 15 to 19 are allowable subject matter.

Before the amendments made herein, claims 1 to 42 were pending. Claims 2 and 20 to 41 have been canceled herein without prejudice. Claims 43 to 47 have been added herein. Accordingly, after entry of the amendments made herein, claims 1, 3 to 19 and 42 to 47 will be pending.

